



BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

DIVISION: BYATARAYANAPURA

SUB DIVISION: VIDYARANYAPURA

Name of Work: Estimate for Maintenance of Burial Ground (Compound Repairs, Gate and Cleaning) at Canara Bank Layout in ward no.09, (Vidyaranyapura).

Job Code: 009-20-000076

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Estimated Cost	Rs. 10.00 Lakhs
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BRUHATH BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Note of Work: Estimate for Maintenance of Burial Ground (Compound Repairs, Gate and Cleaning) at Canara Bank Layout in ward no.09, (Vidyanarayapura).

009-20-000076		P-3291 14th Finance			Estimate Cost:			1000000.00	
SI No.	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 Page No. 143 / Item No. 19.1, PWD SR 2018-19	Cum							
	Leveling of Ground		1	31.00	10.00	0.20	62.00		
	For Chain Link Fenicing		1	35.00	0.90	0.90	28.35		
			2	13.00	0.90	0.90	21.06		
	Basic Rate	130.00					111.41	243.88	27171.00
	Area Weightage @ 6%	7.80							
	Total	137.80							
	Add loading and unloading Charges It No 17.1 KSRRB M 100-1	68.00							
	Average weight of earth 1.28 tonne / kg for 11.90 Km = 1.28 T X 11.90Km X 2.5 Tonne / km = 38.08	38.08							
		243.88							
2	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @ 0.56cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days complete as per specifications MORTH Specification No. 2100 Item No. 27.18 Page No. 222, PWD SR 2018-19	cum							
	For Chain Link Fenicing		2	35.00	0.90	0.15	9.45		
			2	13.00	0.90	0.15	3.51		
	Basic Rate	5115.00					12.96	5421.90	70268.00
	Area Weightage @ 6%	306.90							
	Total	5421.90							
3	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6 stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 Page No. 255, Item No. 34.8.2, PWD SR 2018-19	cum							
	For Chain Link Fenicing		2	35.00	0.75	0.60	31.50		
			2	13.00	0.75	0.60	11.70		
	Basic Rate	4596.00					43.20	4871.76	210460.00
	Area Weightage @ 6%	275.76							
	Total	4871.76							

SI No.	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
4	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. Page No. 255, Item No. 34.9, PWD SR 2018-19	cum							
	For Chain Link Fenicing		2	35.00	0.45	0.60	18.90		
			2	13.00	0.45	0.60	7.02		
	Basic Rate	5483.00					25.92	5811.98	150647.00
	Area Weightage @ 6%	328.98							
	Total	5811.98							
5	Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. – do – cement mortar 1:4 Page. No. 255 / Item No.34.12.1 of PWD SR 2018-19	sqm							
	For Chain Link Fenicing		4	35.00		0.90	126.00		
			4	13.00		0.90	46.80		
	Basic Rate	97.00					172.80	102.82	17767.00
	Area Weightage @ 6%	5.82							
	Total	102.82							
6	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, for coping. Including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. Page. No. 255 / Item No.34.11 of PWD SR 2018-19	cum							
	For Chain Link Fenicing		2	35.00	0.45	0.10	3.15		
			2	13.00	0.45	0.10	1.17		
	Basic Rate	5283.00					4.32	5599.98	24192.00
	Area Weightage @ 6%	316.98							
	Total	5599.98							
7	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineerin - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) Page No. 266 / Item No. 37.2, PWD SR 2018-19	m							
	For Chain Link Fenicing		2x15	2.60			78.00		
			2x6	2.60			31.20		
	Basic Rate	859.00					109.20	910.54	99431.00

SI No.	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Area Weightage @ 6%	51.54							
	Total	910.54							
8	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint. Page No. 266 / Item No. 37.4, PWD SR 2018-19	m							
	For Chain Link Fenicing		2x3	35.00			210.00		
			2x3	13.00			78.00		
	Basic Rate	408.00					288.00	432.48	124554.00
	Area Weightage @ 6%	24.48							
	Total	432.48							
9	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint Page No. 266 / Item No. 37.3, PWD SR 2018-19	Sqm							
	For Chain Link Fenicing		2	35.00		2.00	140.00		
			2	13.00		2.00	52.00		
	Basic Rate	715.00					192.00	757.90	145517.00
	Area Weightage @ 6%	42.90							
	Total	757.90							

SI No.	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
10	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 gauge M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specification. Page. No. 45 / Item. No. 7.37 PWD SR 2018-19	Sqm							
			1	3.50	2.00		7.00		
	Basic rate	3012.00					7.00	3192.72	22349.00
	Area Weightage @ 6%	180.72							
	Total	3192.72							
	Sub Total								892356.00
	GST @ 12%								107083.00
	Miscellaneous and unforeseen charges	LS							561.00
								Total	1000000.00
Rupees Ten Lakh(s) Only									

Certificate:

- 1 The work spot has been inspected and the work is found necessary.
- 2 This estimate is prepared as per PWD SR of 2018-19.
- 3 The provisions were made in this estimate are necessary and adequate.
- 4 This works come under B.B.M.P. limits.

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Executive Engineer

Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Administrative Approval

Accorded For Rs. 10.00 Lakh only
Head of A/C. P.3291
CER NO : 273 Dt: 27/03/2020

TA

CE (YMK)

TECHNICAL SANCTION

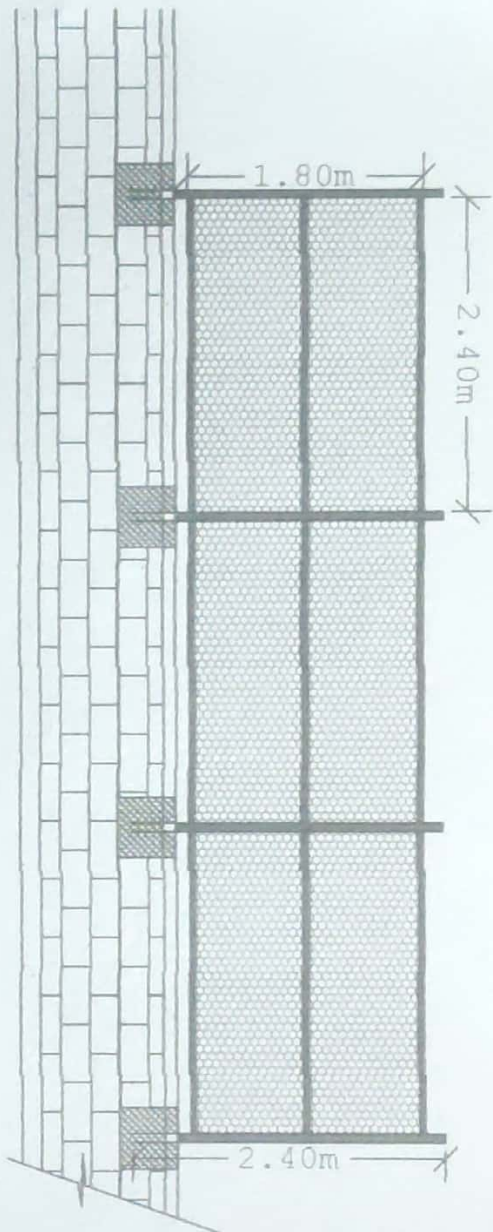
Accorded For Rs. 10.00 Lakh only
Head of A/C. P.3291
Div. Ref. No. 93/20-21 Date 30/3/2020
AE 30/03
EE(BTP) 30/03

Name of work: Maintenance of Burial Ground (Compound Repairs, Gate and Cleaning) at
Canara Bank Layout in ward no.09, (Vidyaranyapura).

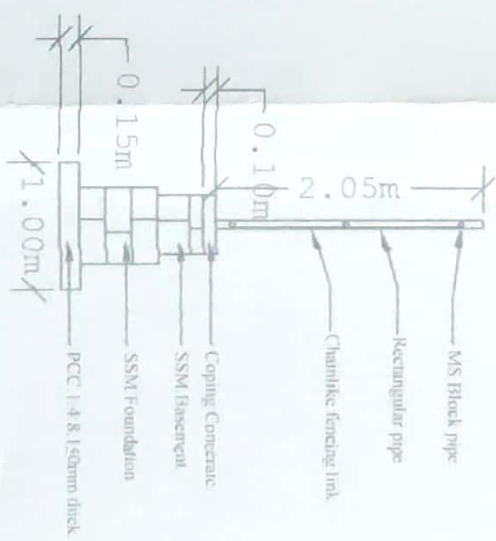


Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Vidyaranyapura Sub Division
Vidyaranyapura Sub Division
BBMP, Bangalore - 97



ELEVATION OF CHAIN LINK FENCING.



CROSS SECTION OF CHAIN LINK FENCING.

152 - BYATARAYANAPURA AC
WARD NAME : 9 - VIDYARANYAPURA



Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 56

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	ROAD